

EXHIBIT 4

(part I of II)

TO PLAINTIFF'S OPPOSITION TO
DEFENDANT'S MOTION TO
RECONSIDER THE DECISION
DENYING SUMMARY JUDGMENT
AND TO STRIKE THE AFFIDAVITS

FILED DECEMBER 14, 2007

IN

04-40219 FDS

In The Matter Of:

*INNER-TITE CORP. v.
DEWALCH TECHNOLOGIES, INC.*

JOHN STACHOWIAK

November 29, 2007

CONTINENTAL COURT REPORTERS, INC.

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*Original File 071129JS.TXT, 124 Pages
Min-U-Script® File ID: 0801424516*

Word Index included with this Min-U-Script®

INNER-TITE CORP. v.

DEWALCH TECHNOLOGIES, INC.

JOHN STACHOWIAK
November 29, 2007

[1] IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF MASSACHUSETTS

[2]

INNER-TITE CORP.,)
[3] Plaintiff)
[4] vs.) CASE NO. 04-40219-FDS
[5] DEWALCH TECHNOLOGIES, INC.,)
Defendant.)

[6]

[7]

[8] ORAL VIDEOTAPED DEPOSITION
JOHN STACHOWIAK
[10] November 29, 2007

[11]

[12] ORAL VIDEOTAPED DEPOSITION OF JOHN STACHOWIAK,
[13] produced as a witness at the instance of the Defendant
[14] and duly sworn, was taken in the above-styled and
[15] numbered cause on the 29th day of November, 2007, from
[16] 9:14 a.m. to 12:23 p.m., before Beverly Ann Smith,
[17] Certified Shorthand Reporter in and for the State of
[18] Texas, reported by computerized stenotype machine at the
[19] offices of Vinson & Elkins, L.L.P., 1001 Fannin Street,
[20] Suite 2500, Room 25E, Houston, Texas, pursuant to the
[21] Federal Rules of Civil Procedure and the provisions
[22] stated on the record or attached hereto.

[23]

[24]

[25]

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[1] APPEARANCES

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[19] Mr. Anthony Hines
Videographer

[20]

[21]

[22]

[23]

[24]

[25]

JOHN STACHOWIAK
November 29, 2007

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1—09:15

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[1] A: — in Houston.
 [2] Q: And that's here in Houston?
 [3] A: Uh-huh.
 [4] Q: Have you ever had your deposition taken before?
 [5] A: No.
 [6] Q: Let me just review some sort of procedural
 [7] guides — guidelines to help us get through this. The
 [8] first thing is it's very important that you and I and
 [9] Mr. Hilton and you do not talk at the same time so the
 [10] court reporter is able to take down the questions and
 [11] answers accurately.
 [12] Secondly, if you don't understand my
 [13] question, or Mr. Hilton's question for that matter,
 [14] please feel free to ask us to restate it; and I'm sure
 [15] we will.
 [16] If at any time, you know, you need to take
 [17] a break, you know, you're allowed to take a break during
 [18] the deposition. Just let us know, and you can take a
 [19] break.
 [20] A: Okay.
 [21] Q: All right. Can you describe generally your
 [22] college education with respect to engineering?
 [23] A: Uh-huh. University of Houston, B.S. in
 [24] mechanical engineering, graduated in 1996.
 [25] Q: Okay. After you graduated, did you take a job

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1—09:16

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[1] that — in which you used your engineering skills?
 [2] A: Yes.
 [3] Q: And what was your first job out of college?
 [4] A: It was with a company by the name of JetStream
 [5] of Houston.
 [6] Q: And what kind of business is JetStream of
 [7] Houston?
 [8] A: JetStream is a manufacturing company. They
 [9] manufacture high-pressure water-blast components.
 [10] Q: And did — so, you were involved in the design
 [11] of those sorts of products?
 [12] A: Yes.
 [13] Q: How many years did you stay at JetStream?
 [14] A: Six years.
 [15] Q: And then after JetStream where did you go to
 [16] work?
 [17] A: DeWalch.
 [18] Q: And at DeWalch you also worked as an engineer?
 [19] A: Correct.
 [20] Q: Can you just generally describe what your job
 [21] duties were at DeWalch?
 [22] A: Uh-huh. I was engineering manager. My
 [23] responsibilities were to oversee the general engineering
 [24] duties and at the same time simultaneously — excuse
 [25] me — develop product and improve existing product.

1—09:17

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- [1] Q: And, so, you became involved in developing [2] products that DeWalch sold?
- [3] A: Correct.
- [4] Q: Can you describe generally the products of [5] DeWalch Technologies that you were involved with?
- [6] A: Basically the products were utility locking [7] products to lock down a meter box for security purposes.
- [8] Q: All right. Just to kind of put things in [9] perspective, I'm going to hand you a meter box just so [10] you can point it out to the Court.
- [11] MR. HILTON: Has this been marked yet as a [12] deposition exhibit?
- [13] MR. MIMS: No, it has not been.
- [14] Q: (By Mr. Mims) Can you identify that utility box [15] as the kind of meter box you were referring to?
- [16] A: Yes.
- [17] MR. MIMS: Let me put a sticker on this, [18] and we'll put a number on it. I'm going to ask the [19] court reporter to mark this as TX-82.
- [20] (Exhibit TX-82 marked)
- [21] Q: (By Mr. Mims) Mr. Stachowiak, I've handed you [22] what's been marked TX-82. Can you identify that as the [23] utility box on which DeWalch Technology products were [24] used?
- [25] A: Yes, it is. It is the main box that we used,

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- [1] very similar.
- [2] Q: And just to make it clear what kind of products [3] we're talking about, I'm going to hand you what's been [4] marked as TX-83 and ask you to identify that after the [5] court reporter marks it.
- [6] A: Okay.
- [7] (Exhibit TX-83 marked)
- [8] Q: I'm handing you what's been marked as TX-83.
- [9] A: Uh-huh.
- [10] Q: One thing is you need to say "yes" or "no" [11] instead of "uh-huh" because the court reporter's —
- [12] A: Yes.
- [13] Q: — record won't reflect that, what it is.
- [14] But can you identify TX-83?
- [15] A: Yes.
- [16] Q: What — what is it?
- [17] A: This is what we call the ProLock.
- [18] Q: And can you just quickly attach it to the [19] utility box just to show how it attaches?
- [20] A: Uh-huh.
- [21] Q: All right. I'm going to take these two back [22] now.
- [23] So, these are the types of products that [24] you were involved in?
- [25] A: That's right.

1—09:20

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- [1] Q: Would you have been involved also in not only, [2] I guess, design of products, were you involved in the [3] manufacture of products?
- [4] A: Yes.
- [5] Q: And what kind of responsibilities would that [6] involve?
- [7] A: Oversee — make sure we met the timelines, the [8] schedule, quality control, make sure the part functions [9] as it should during the R & D process.
- [10] Q: And, so, would you be involved in, I guess, [11] designing the equipment to make whatever you designed?
- [12] A: Yes.
- [13] Q: And what — would you use, you know, molds, [14] dies; or how would you — what would you use to make [15] these products?
- [16] A: Typically different — there was investment [17] casting involved. There was stamping involved, some [18] machining involved.
- [19] Q: And you would be involved in streamlining that [20] process?
- [21] A: Correct.
- [22] Q: Now, we're here today because of a patent [23] infringement case. And you understand that?
- [24] A: Yes.
- [25] Q: All right. And the issues in this case have to

1—09:21

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- [1] do with the ProLock products that you were involved in;
- [2] and, so, we're going to focus on some of those types of [3] issues.
- [4] My first question is: What was your [5] involvement with the ProLock? What was your first [6] involvement with the ProLock?
- [7] A: I don't understand the question. I'm sorry.
- [8] Q: What — did you have anything to do with the [9] development of the ProLock?
- [10] A: Yes.
- [11] Q: And can you at a very high level generally [12] describe what your involvement was?
- [13] A: My involvement was to design a — a product [14] that would function as the ProLock does, the goal being [15] quick installation.
- [16] Q: All right. So, were you the person who [17] developed the ProLock?
- [18] A: That's correct.
- [19] Q: All right. And, in fact, there's a — there [20] was ultimately a patent application filed where you were [21] the named inventor on the ProLock. Correct?
- [22] A: Yes.
- [23] Q: So, you worked on this project by yourself and [24] developed the ProLock?
- [25] A: That's right.

1—09:22

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[1] Q: Can you tell me approximately when this all
[2] took place? Do you recall?
[3] A: No, I don't.
[4] Q: All right. If I — if I gave you the date that
[5] the patent application was filed, in April of 2004,
[6] would that help you place it in time?
[7] A: Possibly.
[8] Q: I mean, is it — it was obviously before April
[9] of '04?
[10] A: Uh-huh. Yes.
[11] Q: Do you recall if it was, you know, before in
[12] '03 or late '04?
[13] A: I can't recall the exact date. I'm sorry.
[14] Q: Okay. That's fine.
[15] Do you know how long it took you to
[16] develop the ProLock?
[17] A: I would say....
[18] Q: And let us just say coming up with a design
[19] first before — not the manufacturing.
[20] A: Coming up with the design, I don't remember the
[21] exact amount of time.
[22] Q: Did someone assign this project to you, or did
[23] you just sort of do it on your own?
[24] A: It was assigned.
[25] Q: And who assigned it to you?

1—09:23

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[1] A: A gentleman by the name of Ivan Canga.
[2] Q: Okay. And he came to you and said: Develop a
[3] new locking means for a utility box?
[4] A: Yes.
[5] Q: And, so, what was your approach in — what were
[6] you trying to accomplish besides, you know, speedy
[7] installation? Any other particular design goals or —
[8] A: Uh-huh, security.
[9] Q: Now, when you developed this product, the
[10] ProLock, there obviously — this wasn't a product that
[11] was like this exact design, was there?
[12] A: No.
[13] Q: Were there other existing products that you
[14] were aware of?
[15] A: Yes.
[16] Q: I mean, can you give me a range of the
[17] different types of solutions that were out there?
[18] A: The general — the type of solution that —
[19] that was current was a style that you punched a hole in
[20] the side of the box and attached a screw from the back
[21] side, and — and that was generally what was out there.
[22] And there was another type of device that had a
[23] thumbscrew that served the same function.
[24] Q: Was the thumbscrew on the inside of the box or
[25] the outside of the box?

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[1] A: On the inside.
[2] Q: And do you know who sold that product?
[3] A: Inner-Tite.
[4] Q: All right. So, you were aware of the — the
[5] original design where you drilled a hole through the
[6] wall —
[7] A: Uh-huh.
[8] Q: — as well as Inner-Tite's screw into the wall
[9] inside?
[10] A: That's right.
[11] Q: And, so, were you trying to eliminate the —
[12] the use of the — of the punch?
[13] A: Yes.
[14] Q: And you obviously didn't use a screw in — in
[15] the ProLock. Correct?
[16] A: That's correct.
[17] Q: Can you generally describe — and I'll hand
[18] this to you —
[19] A: Uh-huh.
[20] Q: — what's been marked as TX-83, which is the
[21] ProLock 1? Can you generally describe —
[22] MR. DEWALCH: It's 2, I think.
[23] MR. MIMS: Let me have a look here.
[24] Oh, you're right. This is a ProLock 2.
[25] Excuse me.

1—09:25

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[1] Q: (By Mr. Mims) Can you generally describe how
[2] the ProLock design works with regard to, you know, not
[3] having a hole punched or a screw?
[4] A: Okay. The — this is placed over the box, and
[5] the side wall of the box enters this area here, okay.
[6] This lever is then actuated, which forces this member
[7] toward the inside of the box, clamping the two —
[8] clamping the box in between this member and this member
[9] (indicates).
[10] Q: All right. So, how did you come up with this
[11] type of design where you have the — this clamping
[12] member that has two sides and — rather than a single
[13] screw, I guess?
[14] A: Well, like I said, trying to come up with
[15] something that is quick, okay. So, I knew that if the
[16] installer had to take time to screw something in —
[17] Q: Right.
[18] A: — that would take time. Okay. I also knew
[19] that there's somewhat of a possible learning curve, if
[20] you will, in — in a screw or a punch style. So, I came
[21] up with this lever; and, you know, it was a quick,
[22] one-step, easy way to install the product.
[23] MR. MIMS: All right. Can you mark this
[24] as, I guess, 84?
[25] (Exhibit TX-84 marked)

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[1] Q: (By Mr. Mims) I'm now going to hand you what's [2] been marked as TX-84, which is the ProLock 1.

[3] A: Uh-huh.

[4] Q: And you can recognize that as a ProLock 1?

[5] A: Yes.

[6] Q: And that's the original, first design that you [7] came up with?

[8] A: That's right.

[9] Q: I wanted to ask you about the — the use of [10] the — the clamping member that has two points as [11] opposed to a single point. Was that — were you just [12] trying to avoid the screw and have it for timing? [13] That — was that really the key point, that you were [14] trying to avoid the time in putting in the screw?

[15] A: That's correct.

[16] Q: Now, once you had come up with this design, you [17] only had it in drawings, I assume.

[18] A: Uh-huh.

[19] Q: How did you go about making the first [20] prototype?

[21] A: There was a — at DeWalch there was a machine [22] shop that we had inside the building, and we had some [23] prototype machine. Then we had to make some forming [24] dies and formed it up, and that was it.

[25] Q: And started making them?

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[1] A: That's right, made some prototypes. That's [2] right.

[3] Q: Now, the dies that you used for the prototypes, [4] were those the dies that you ultimately used for [5] manufacturing?

[6] A: No.

[7] Q: Okay. Walk me through that step of how you [8] went from prototypes to final product.

[9] A: Okay. We had a prototype and, of course, we [10] had drawings. Then the next step was to find somebody [11] to manufacture this thing — well, actually, find [12] somebody that can make the equipment for us to [13] manufacture this thing.

[14] This was Progressive Dies. We found [15] somebody to — a company to manufacture some progressive [16] dies so we could — so we could run a product.

[17] Q: And they made the dies for you?

[18] A: That's correct.

[19] Q: And then once they made the dies, then you had [20] something to make commercial product?

[21] A: That's right.

[22] Q: Okay. And then those — once you had those [23] dies from Progressive, that's what you used to make the [24] product while you were there?

[25] A: That's right.

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[1] Q: Yeah. I mean, the prototypes were pretty much [2] similar to what you ended up with in the dies?

[3] A: Pretty similar in shape.

[4] Q: In shape? Okay.

[5] And, so, you had those dies delivered; and [6] then you started making product. Do you recall when the [7] dies were finally finished?

[8] A: No.

[9] Q: Was it soon after you developed the product; or [10] did it take, you know, months, weeks?

[11] A: Months.

[12] Q: Months?

[13] A: Uh-huh.

[14] Q: Would you say, you know, a quarter of a year to [15] a half a year?

[16] A: Can you repeat the question?

[17] Q: Yeah. I mean — yeah. You came up with your [18] design.

[19] A: Okay.

[20] Q: You came up with a prototype. That took a [21] while.

[22] A: Uh-huh.

[23] Q: And then you eventually got to production with [24] dies.

[25] A: That's right.

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November 29, 2007

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[1] Q: I was just trying to get a sense of — of
[2] timing, whether that process took, you know, three
[3] weeks, three months, six months.
[4] A: It was longer than six months, but I don't
[5] recall the exact time.
[6] Q: But less than a year?
[7] A: Possibly.
[8] Q: Okay. So, you're — that's just so —
[9] A: I don't — I don't remember.
[10] Q: Okay. Now, do you recall making a
[11] determination to file a patent?
[12] A: Yes.
[13] Q: And — and, so, that happened in — the patent
[14] office records reflect that it was filed in April of
[15] '04.
[16] A: Okay.
[17] Q: And you recall being involved with that?
[18] A: Yes.
[19] Q: Okay. Why don't we talk about how the ProLock
[20] products work, and I have some pictures that I want to
[21] show you. First, I'm going to hand you something that's
[22] been marked — hold on. Let me get the reporter to mark
[23] it.
[24] MR. MIMS: Can you mark this that number?
[25] (Exhibit TX-29 marked)

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[1] Q: (By Mr. Mims) I'm going to hand you what's been
[2] marked as TX-29.
[3] A: Okay.
[4] Q: And just so we can talk about this with the
[5] same terms —
[6] A: Okay.
[7] Q: — this is a — a demonstrative document that
[8] we've already filed with the Court. And just so we'll
[9] have similar language and we won't get confused looking
[10] at small parts —
[11] A: Okay.
[12] Q: — we've called — I think you called it a
[13] lever, as well, and I think you've called it a clamping
[14] member; but I wanted to go through on the ProLock 2,
[15] which is the one closest to you — I mean, ProLock 1, I
[16] mean, closest to you, that's marked TX-84, you can see
[17] how the — I guess we'll call it the bracket? Is that
[18] what you would call that entire piece that has the
[19] flanges and webs?
[20] A: We can call it a bracket, yes.
[21] Q: Let's just call it a bracket.
[22] A: Uh-huh.
[23] Q: It has first flange and a second flange, and I
[24] only point that out because the first flange is the one
[25] that's in — that is outside the box and the second

1-09:34

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[1] flange is the one inside the box, just so we'll —
[2] A: Correct.
[3] Q: — have our terminology. Can — does that make
[4] sense to you?
[5] A: That's right. That makes sense.
[6] Q: Okay. All right. Now, the first thing I want
[7] to hand you is — I'm going to hand you a series of
[8] three photographs, but let me let the court reporter
[9] mark those.
[10] MR. HILTON: What numbers are these?
[11] MR. MIMS: These are going to be 14, 15,
[12] and 16.
[13] (Exhibits TX-14, TX-15, and TX-16 marked)
[14] Q: (By Mr. Mims) Mr. Stachowiak, I'm going to hand
[15] you what's been marked TX-14, 15, and 16.
[16] MR. MIMS: And I have these, too,
[17] Mr. Hilton.
[18] MR. HILTON: Thanks a lot. In this order?
[19] MR. MIMS: Yes.
[20] Q: (By Mr. Mims) And if you could look at 14
[21] first, and 14 shows the — the lever, I guess, in its,
[22] I'll call it, "open position."
[23] A: Okay.
[24] Q: Okay. Do you recognize that as being sort of
[25] the first position when you first install the ProLock on

1-09:35

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[1] the box?
[2] A: Yes.
[3] Q: Okay. Take a look at what's been marked as 15,
[4] TX-15. And can you describe the middle position, if you
[5] like, what's happened there where the lever's moved up
[6] till straight up?
[7] A: Sorry. Can you repeat the question?
[8] Q: Yes. I mean, when the lever is at that — that
[9] far in, can you describe what's happening, let's say,
[10] with respect to the faces of the clamping member? How's
[11] that?
[12] A: Okay. Basically it's — it's just starting to
[13] become engaged.
[14] Q: All right. And then if you look at the third
[15] picture, which is marked, I think, 16, TX-16, do you see
[16] that?
[17] A: Uh-huh. Yes.
[18] Q: That is with the clamping member all the way?
[19] A: Correct.
[20] Q: And can you describe the difference between
[21] what's seen on the first — the — from 14 to 15, maybe
[22] you can describe the whole process as to the forces that
[23] are — how the — how the lever is applying forces to
[24] clamp the box.
[25] A: Okay. On 14, this is the installation

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[1] position 15, the installer is beginning to rotate the [2] lever. In 16, the lever's been rotated fully. When the [3] lever rotates, it bears on a face of the clamping [4] member, okay, and urges it toward the — toward the box [5] wall which clamps onto the — clamps onto the box. [6] Q: And if you can look at the clamping member, [7] there's an upper face, if you like — maybe that's what [8] we could call it — or a side panel where it actually is [9] contacting. If you look at the last exhibit, number — [10] I think it's 16?

[11] A: Yes.

[12] Q: If you look at the upper face of that — on the [13] wall, do you see where it's contacting?

[14] A: Yes.

[15] Q: All right. What do you call that upper face?

[16] Is that what you....

[17] A: The upper face —

[18] Q: I'm referring to the space up —

[19] A: To the actual box?

[20] Q: Yes, to the actual box.

[21] A: Okay. What do I call — I'm sorry. Repeat —

[22] Q: Yeah.

[23] A: Repeat your question.

[24] Q: What do you — do you have a term for what you [25] call that face of the —

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[1] A: I just called it — I usually called it the box [2] flange.

[3] Q: Okay. And then there's a space below that in [4] the picture where you see there's sort of a lower panel, [5] if you like, that's — there's a space between it and [6] the wall?

[7] A: Yes.

[8] Q: Do you see that?

[9] A: Yes.

[10] Q: What is the function of that lower part — [11] portion?

[12] A: We're still talking about the box. Correct?

[13] Q: Yes. Well, what I'm talking about is the — [14] where's the — I'll show you.

[15] MR. MIMS: And maybe you can show this to [16] the — on the video.

[17] Q: (By Mr. Mims) I'm talking about this space [18] right here, down here. We just talked about the front [19] face, and then there's a lower face.

[20] A: Okay. Okay.

[21] Q: Let me just hand that to you.

[22] A: So, we're talking about the ProLock and not the [23] box?

[24] Q: Right. We're talking about the ProLock product [25] that — we've just talked about the upper face that

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[1] contacts the box.

[2] A: Correct.

[3] Q: There's a lower face down here where there's a [4] space in the picture.

[5] A: Okay. Can you point it out on a — on a — the [6] face or space you're talking about?

[7] Q: Yes.

[8] A: I just want to make sure —

[9] Q: Right. I'm talking about —

[10] MR. MIMS: Tell me if you've got that in.

[11] THE VIDEOGRAPHER: Yes, I do.

[12] Q: (By Mr. Mims) I'm talking about this face down [13] here as opposed to this face we just talked about. All [14] right?

[15] A: This face right here?

[16] Q: Yes, sir.

[17] A: Right here?

[18] Q: Yeah, that part at the bottom.

[19] A: This — or this face here, along here?

[20] Q: Everything that's down there, the whole — the [21] whole length.

[22] A: This — this here?

[23] Q: Yes. I'm talking about this — this face in [24] here.

[25] A: Everything your pen is touching —

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[1] Q: Yes.

[2] A: — right now?

[3] Q: Yeah.

[4] A: Okay. That — the box — this portion as

[5] you — as you — as we stated, clamps — clamps on that [6] box flange, if you will.

[7] Q: The upper portion?

[8] A: Correct, the upper portion. This portion that [9] you were — what are we calling this?

[10] Q: Let's call it the "lower panel." How's that?

[11] A: "Lower panel." Okay. The lower panel is the [12] security means. I mean, that's — that's what — that's [13] what makes the product secure.

[14] Q: And how does it prevent — I mean, why don't [15] you describe the security risk that you're trying to [16] avoid?

[17] A: We're trying to avoid the — the device from [18] becoming removed from the box.

[19] Q: And, so, if someone tried to force it open —

[20] A: Someone tried to force it open — that's [21] correct.

[22] Q: — what would that lower panel do in that [23] ins — situation?

[24] A: The lower panel — if the box was pried upon, [25] the lower panel would — would make contact with the

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[1] underside of this — this side upper flange on the box
[2] and prevent the perpetrator from removing the ProLock.

[3] Q: Okay. So, would the lower panel slide or would
[4] it catch on that — I guess that lower —

[5] A: It would catch.

[6] Q: And that was the intent of your design?

[7] A: Correct.

[8] (Off-the-record remarks)

[9] (Exhibit TX-19 marked)

[10] Q: Now, in that last photograph, the lower panel
[11] is not in contact right now?

[12] A: That's correct.

[13] Q: And, so, it's only when someone exerts a force
[14] that it contacts?

[15] A: Correct.

[16] Q: I'm going to hand you what's been marked Trial
[17] Exhibit 19.

[18] A: Uh-huh.

[19] MR. MIMS: Mr. Hilton?

[20] MR. HILTON: Are we calling this TX-19?

[21] MR. MIMS: Yes, that's what I've been
[22] calling it.

[23] MR. HILTON: So, it's Deposition

[24] Exhibit TX-19 —

[25] MR. MIMS: No.

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[1] MR. HILTON: — if you've associated
[2] with —

[3] MR. MIMS: I'm calling it TX-19 because
[4] it's a trial exhibit.

[5] Q: (By Mr. Mims) Mr. Stachowiak, do you see where
[6] the side panel contact and the lower panel gap are shown
[7] on this photograph?

[8] A: Yes.

[9] Q: Does that accurately summarize what you just
[10] testified to?

[11] A: Yes.

[12] Q: And the side panel contact refers to the side
[13] panel actually being in contact with the utility box?

[14] A: Correct.

[15] MR. MIMS: Can you mark this as 20?

[16] (Exhibit TX-20 marked)

[17] Q: (By Mr. Mims) I'm going to hand you what's been
[18] marked as Trial Exhibit 20, TX-20; and we just mentioned
[19] the side panel contacts. Do you see the two arrows A?

[20] A: Yes.

[21] Q: Now, are you familiar with indicating forces or
[22] pointing out where forces are applied?

[23] A: Yes.

[24] Q: Would you say that the arrows A accurately
[25] reflect where the force is exerted on the utility box by

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[1] the clamping member?

[2] A: Yes.

[3] Q: Now, if you look in the middle, there's an
[4] arrow B. And if you recall earlier, we were talking
[5] about a first and second flange; and the second flange
[6] is — excuse me. The first flange is the one that's
[7] outside the box; and, so, the arrow B is pointing to the
[8] first flange outside the box.

[9] A: Yes.

[10] Q: Do you see that?

[11] A: I do.

[12] Q: Now, can you explain how a force is also
[13] applied by where that arrow B is to clamp the ProLock in
[14] place?

[15] A: Yes.

[16] MR. HILTON: Objection, vague.

[17] Q: (By Mr. Mims) Do you understand my question?

[18] A: Yes.

[19] Q: Okay. Go ahead; you may answer.

[20] A: When the lever is actuated, which urges the
[21] clamping member toward the side wall of the box or the
[22] upper flange of the box, it pulls in the first flange
[23] toward the opposite end just from a reactionary force,
[24] reactionary movement.

[25] Q: So, you have two force vectors, if you like, on

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[1] the outside; and you have a opposite vector in the
[2] middle between those two clamping members pushing on the
[3] first flange, so to speak?

[4] A: Well, right. But it's — the two forces are on
[5] the inside on the —

[6] Q: Right. Yes. The inside of the box?

[7] A: Uh-huh.

[8] Q: So —

[9] A: That's right.

[10] Q: So, what you have, then, is — do you have —

[11] you — does that result in a movement of the metal wall
[12] based on those forces where it's not straight? I mean
[13] the metal wall of the box. You understand my question?

[14] A: Can you repeat it, please?

[15] Q: Sure. And maybe I can do it by putting one of
[16] these on, and I'll — I'm going to put in front of the
[17] camera the utility box marked TX-82 and the ProLock 1
[18] which is marked TX-84.

[19] When this force — when this clamp is put
[20] down, do you have some deflection in this wall here
[21] based on the forces on the outside — inside the box
[22] pushing outwardly and the force on this first flange
[23] pushing inward to where this metal plate is not strictly
[24] straight because you have forces pushing here and
[25] another force pushing in?

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[1] A: Yes.
[2] Q: How would you describe that — I mean, is there
[3] a way to describe that kind of force being — it twist
[4] the box?
[5] A: Yes. I would say there is a torsion with some
[6] shear included.
[7] Q: Okay. And, so, that's a different kind — in
[8] other words, hold — holding something in place by
[9] putting those types of forces we just discussed results
[10] in a torsion or bending of the wall?
[11] A: Correct.
[12] Q: And that's — that is a result of your putting
[13] the forces outside of the flanges, if you like?
[14] A: That's right.
[15] Q: All right. Now, no — no one had — that you
[16] had seen in any of the previous utility box locks had
[17] applied forces in that manner, had they?
[18] A: That's right.
[19] Q: So, you came up with the idea of doing the
[20] forces that way and putting the lever on?
[21] A: That's right.
[22] Q: Now, you had seen the use of, let's say, you
[23] know, flanges on either side of the box before? In
[24] other words, people had put a flange on either side of
[25] the box before?

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[1] A: Yes.
[2] Q: But they had always put their forces that held
[3] it together sort of, so to speak, between the flanges'
[4] width? In other words, if you look at the full width of
[5] the flanges, whether they were putting a screw through
[6] or counter punching, it was always in between the
[7] flanges?
[8] A: That's right.
[9] Q: And you decided to take the forces outside the
[10] flanges?
[11] A: Yes.
[12] Q: Is it necessary for the lower panel in your
[13] design to clamp the side wall to prevent the ProLock
[14] from being removed? Does that make sense to you? In
[15] other words —
[16] A: If you'd be a little more specific —
[17] Q: Sure.
[18] A: — in your question.
[19] Q: Remember we talked about the lower panel that
[20] was not in contact?
[21] A: Correct.
[22] Q: Is it necessary for that lower panel to clamp
[23] to the side wall to prevent the person who was trying to
[24] break in?
[25] A: No.

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[1] Q: Okay. And that's because it serves to catch on
[2] that ledge of the flange —
[3] A: Correct.
[4] Q: — of the wall?
[5] A: Correct.
[6] Q: Okay. Now, so, did you come up with the idea
[7] of moving outside the flanges, if you like; or did you
[8] come up with a lever first?
[9] A: I would say simultaneously.
[10] (Exhibit TX-13 marked)
[11] Q: Mr. Stachowiak, I'm going to hand you what's
[12] been marked TX-13 which is a photograph of the ProLock
[13] 1. And from this do you recognize this as a ProLock 1?
[14] A: Yes.
[15] Q: All right. When you — when you look at this
[16] particular picture, there is in — let me hand you
[17] another exhibit.
[18] (Off-the-record remarks)
[19] MR. MIMS: Can you mark that as Exhibit
[20] 32, TX-32?
[21] (Exhibit TX-32 marked)
[22] Q: (By Mr. Mims) I'm going to hand you what's been
[23] marked TX-32, and what I've handed you is a drawing from
[24] the — the Inner-Tite patent that is the subject of this
[25] lawsuit.

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[1] A: Okay.
[2] Q: And if you look at — there's sort of a — I'll
[3] call it an orange sort of color.
[4] A: Yes.
[5] Q: And it says the space that separates the first
[6] flange and the second flange. And this is referring to
[7] the space that's between the first and second flange.
[8] A: Okay.
[9] Q: Now, if you go back to the exhibit I just gave
[10] you, which was the photograph of the ProLock 2
[11] A: TX-13?
[12] Q: Yes. And if you look at it from this angle,
[13] does the clamping member enter the space that's between
[14] the first and second flange of the ProLock?
[15] A: No, it does not.
[16] Q: Now —
[17] MR. DEWALCH: That's ProLock 1, I think.
[18] Doesn't matter but —
[19] MR. MIMS: Let me — now 2 — oh, yes.
[20] Let the record reflect I was talking about ProLock 1.
[21] Q: (By Mr. Mims) I'm going to hand you now, after
[22] the court reporter marks it, several exhibits regarding
[23] ProLock 2.
[24] (Exhibits TX-22, TX-23, and TX-24 marked)
[25] Q: I'm going to now hand you what's been marked

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[1] TX-22 to 24.
[2] MR. MIMS: Mr. Hilton, here is TX-22, 23,
[3] and 24.
[4] MR. HILTON: Thanks.
[5] Q: (By Mr. Mims) If you could spread out 22, 23,
[6] and 24; and we went through a similar exercise with
[7] ProLock 1. But could you briefly describe what's shown
[8] by the series of the three drawings with regard to
[9] ProLock 2 here?
[10] A: Sure.
[11] Q: Starting with 22.
[12] A: In 22 the — it is in the — as we called it
[13] before, the "open" — the lever is in its "open"
[14] position, and the assembly is being inserted onto the
[15] box wall. In TX-23 the lever is — the installer is
[16] beginning to actuate the lever, and 24 it is in its
[17] fully installed position.
[18] Q: All right.
[19] (Exhibit TX-26 marked)
[20] Q: I'm going to hand you what's been marked as
[21] T-26, and can you describe how the forces shown on T-26
[22] clamp the ProLock 2 device to a utility box and perhaps
[23] describe the forces while you're doing that?
[24] A: Yes. As the lever is — this lever is
[25] actuated, it makes contact with the clamping member,

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[1] which pulls the first flange toward the upper portion of
[2] the box side wall, resulting in the clamping member and
[3] the first flange trapping of the box wall.
[4] (Exhibit TX-21 marked)
[5] Q: So, the similar sort of forces that we
[6] described — that you described in the ProLock 1 work
[7] here for the ProLock 2?
[8] A: Correct.
[9] Q: I'm going to hand you now what's been marked
[10] TX-21.
[11] A: Uh-huh.
[12] MR. MIMS: Mr. Hilton, here's TX-21.
[13] Q: (By Mr. Mims) And referring again to —
[14] referring — referring again to — strike that.
[15] Referring again to TX-32, which is the
[16] drawing from the patent in suit, do you have that in
[17] front of you?
[18] A: I do.
[19] Q: And looking at Exhibit 21, does the clamping
[20] member on the ProLock 2 ever enter the space between the
[21] first and second flanges?
[22] MR. HILTON: Objection, vague.
[23] Q: (By Mr. Mims) And do you understand my
[24] question?
[25] A: Yes.

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[1] Q: You may answer.
[2] A: No, it does not.
[3] Q: Now, do you recall when you first heard about
[4] the Inner-Tite patent that's involved in this
[5] litigation?
[6] A: As a date?
[7] Q: Yeah. I mean just generally the situation, how
[8] you came to learn about it.
[9] A: I believe it was from one of the salesmen at
[10] DeWalch.
[11] Q: Did you learn about it — so, you learned about
[12] it before the litigation was filed?
[13] A: That's right.
[14] Q: Okay. Let me hand you —
[15] MR. MIMS: Mark this 1.
[16] (Exhibit TX-1 marked)
[17] Q: (By Mr. Mims) Let me hand you what's been
[18] marked TX-1 which is a copy of the patent in suit.
[19] When was the first time you ever actually
[20] saw this patent? Was it when the salesman told you
[21] about it or later?
[22] A: Later.
[23] Q: And when was that time?
[24] A: I don't recall the exact time.
[25] Q: Do you remember the circumstances of how you

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[1] first saw the patent?
[2] A: Yes. I was aware that there was a patent, and
[3] I logged onto the U.S.P.T.O. web site and printed it out
[4] and looked at it.
[5] Q: When you first read the — the claims of the
[6] patent —
[7] A: Yes.
[8] Q: — did you notice any difference that appeared
[9] to you that made your design different than what was in
[10] the patent?
[11] A: Yes.
[12] Q: What was that?
[13] A: I noticed in the Claim No. — No. 1 — I'm
[14] sorry.
[15] Q: Yes.
[16] A: I need a second. I just haven't looked at this
[17] thing in a while.
[18] Q: That's all right.
[19] A: "A jaw mechanically inter-engaged with and
[20] carried by said bracket for movement between first and
[21] second flanges."
[22] Q: And what particular part of that did you notice
[23] was different?
[24] A: That our device, the ProLock, did not enter
[25] that space.

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[1] Q: Okay. Didn't go between —
[2] A: The — the clamping device.

[3] Q: Now, I know you're not a patent lawyer; but we
[4] likely have a court who's told us what this limitation
[5] means.

[6] (Off-the-record sotto voce remarks)

[7] (Exhibit TX-85 marked)

[8] Q: I'm going to hand you what's been marked TX-85.

[9] MR. MIMS: And, Mr. Hilton, here's a
[10] TX-85.

[11] Q: (By Mr. Mims) I want to focus you on page 10 of
[12] this document.

[13] A: Okay.

[14] Q: And if you could look at the bottom paragraph,
[15] the Court has construed what that language means; and
[16] I'll just read it aloud just while you can read along
[17] and digest this.

[18] He says: Thus, the language issue in this
[19] case, quote, a jaw mechanically inter-engaged with and
[20] carried by said bracket for movement between said first
[21] and second flanges, unquote, is properly construed as
[22] follows.

[23] And he has two items: Either of the two
[24] mechanical parts that open and close to grip or crush
[25] something as in a monkey raw — wrench or vice, and

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[1] then, 2, mechanically inter-engage with and carry by
[2] said bracket, and then, 3, for movement in or through
[3] the space that separates the first and second flanges,
[4] unquote.

[5] Now, you read the word "between" but you
[6] didn't know — the Court hadn't told you what it meant.
[7] But looking at Item 3 where he has told us that
[8] "between" means for movement in or through the space
[9] that separates the first and second flanges, and now
[10] looking at your design, does the clamping member of the
[11] ProLock 1 and 2 move in or through the space that
[12] separates the first and second flanges?

[13] A: No, it does not.

[14] Q: Now, can you look at the date on that patent
[15] that's been marked as TX-1?

[16] A: Yes.

[17] Q: The day it was issued...?

[18] A: The date of patent, July 20th, 2004.

[19] MR. MIMS: Can you mark this as TX-A?

[20] (Exhibit TX-A marked)

[21] Q: (By Mr. Mims) All right. I'm going to hand you
[22] now what's been marked TX-A —

[23] MR. HILTON: "TX-A," is that what you
[24] said?

[25] MR. MIMS: "A" as in apple.

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[1] MR. HILTON: Okay.

[2] Q: (By Mr. Mims) — and ask you if you can
[3] identify what TX-A is?

[4] A: This is a United States patent.

[5] Q: Can you turn to page 2 of the document? And
[6] now can you identify which patent it is?

[7] A: This is the patent for the ProLock.

[8] Q: All right. And you'll notice there's a filing
[9] date that's given on the left-hand column in No. 22.

[10] A: Yes.

[11] Q: And what is that date?

[12] A: April 13th, 2004.

[13] Q: And that date, of course, is earlier than the
[14] date that the Inner-Tite patent was issued. Correct?

[15] A: That's correct.

[16] Q: What's the date on that patent, again?

[17] A: July 20th, 2004.

[18] Q: So, when you designed the ProLock patent —
[19] excuse me — the ProLock product, you did not have a
[20] copy of the Inner-Tite patent. Correct?

[21] A: No, I did not.

[22] Q: Were you — did you have access to an
[23] Inner-Tite product that's reflected in that patent?

[24] A: Yes, I did.

[25] (Exhibit TX-86 marked)

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[1] Q: I'm going to hand you what's been marked as
[2] TX-86. And can you identify what TX-86 is?

[3] A: This is Inner-Tite's product.

[4] Q: Do you know what it was called?

[5] A: The Jiffy Lock.

[6] Q: All right. Can you just hold it up so the —
[7] for the camera so the record will reflect what it looks
[8] like?

[9] A: (Complies).

[10] MR. MIMS: I can have it back now.

[11] Q: (By Mr. Mims) But the point is — of my
[12] question is that when you — when you designed your
[13] product, you did not have a copy of the Inner-Tite
[14] patent that had this claim limitation about "between"?

[15] A: That's correct.

[16] Q: Now, looking at the face of your patent, which
[17] is the TX Exhibit A, if you look at the right-hand
[18] column, there's a list of patents at the top. Do you
[19] see that?

[20] A: I do.

[21] Q: And you see — going up from the bottom five
[22] up, do you see a Rafferty number?

[23] A: I do.

[24] Q: Can you read that number into the record?

[25] A: Which number are you referring to?

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- [1] Q: The 6763.
[2] A: 6763691.
[3] Q: And is that, in fact, the same patent that's
[4] marked as TX-1?
[5] A: Yes, it is.
[6] (Exhibit TX-B marked)
[7] Q: Mr. Stachowiak, I'm going to hand you what's
[8] been marked TX-B, as in "boy."
[9] MR. MIMS: Mr. Hilton.
[10] Q: (By Mr. Mims) And my first question to you is:
[11] This is — actually, this is a file history from your
[12] patent.
[13] A: Okay.
[14] Q: Have you ever seen the entire file history of
[15] your patent?
[16] A: No, I have not.
[17] Q: All right. And, so, just so it's clear,
[18] you're — you are not the patent attorney that filed
[19] this patent?
[20] A: That's right.
[21] (Exhibits TX-B-1 and TX-B-2 marked)
[22] Q: Let me hand you two additional exhibits. First
[23] I'm going to hand your — hand you TX-B-1 and TX-B-2.
[24] A: Okay.
[25] Q: Now, looking at TX-B-1, if you could turn to

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- [1] page 2 of TX-B-1, can you recognize your signature?
[2] A: Yes.
[3] Q: And that reflects that you signed it as the
[4] sole inventor on April 8th, '04?
[5] A: That's right.
[6] Q: And the second exhibit, TX-B....
[7] A: TX-B-2?
[8] Q: Yes, sir. Do you — can you look on that page
[9] at the bottom and see your name and signature?
[10] A: Yes, I do.
[11] Q: Where you granted the power of attorney to
[12] Arnold and Ferrera?
[13] A: Yes.
[14] Q: Now, you obviously reviewed the patent
[15] application and then signed this declaration.
[16] A: Yes.
[17] Q: Was that your primary involvement in this
[18] procedure?
[19] A: Sorry. Can you —
[20] Q: The patent — the patent prosecution, was that
[21] your primary involvement?
[22] A: No.
[23] Q: What else was your involvement?
[24] A: I'm sorry; I'm a little confused by the
[25] question.

1-10:11

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- [1] Q: Okay. Let me back up. These documents reflect
[2] that you signed the papers when they filed the patent
[3] application.
[4] A: (Witness nods head).
[5] Q: And, so, before that, I assume you reviewed the
[6] patent application.
[7] A: I did.
[8] Q: After you were involved in the initial review,
[9] did you get involved in preparing responses?
[10] A: No.
[11] Q: That was handled by the patent attorneys?
[12] A: Correct.
[13] MR. MIMS: All right. Can we take a short
[14] break? I think I'm finished, but I just wanted to check
[15] with co-counsel.
[16] MR. HILTON: Oh, okay. Great.
[17] MR. MIMS: Let's go off the record.
[18] THE VIDEOGRAPHER: 10:11, we're off
[19] record.
[20] (Recess taken)
[21] THE VIDEOGRAPHER: 10:24, we're back on
[22] record.
[23] Q: (By Mr. Mims) All right. We have now focused
[24] the camera on the side of the ProLock 1, installed on
[25] utility box TX-82. And I'm going to point to the

1-10:25

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- [1] uppermost side panel right here; and then there's a
[2] lower panel, as well. Do you remember our testimony
[3] about that?
[4] A: I do.
[5] Q: Now, focusing on the upper panel of that
[6] clamping member that hits the face of the inside of the
[7] box —
[8] A: Yes.
[9] Q: — what is the function of that — of that
[10] side — upper side panel?
[11] A: To make contact with the upper portion of the
[12] wall.
[13] Q: And does that clamp the product in place — the
[14] forces help clamp the product in place?
[15] A: Yeah, it secures the — it secures the product
[16] in place, yeah.
[17] Q: All right. There's a lower panel, as well; and
[18] we talked earlier about security and all of that. And
[19] that's the function of it. Correct?
[20] A: Correct.
[21] Q: If you — if someone were to pry — try to pry
[22] the ProLock 1 off, is it correct to describe it that
[23] that lower panel would then abut the wall and stop
[24] somebody from breaking in?
[25] A: Yes, it would prevent the — the ProLock from

1—10:26 Page 48

[1] being removed. That's right.

[2] Q: And, so, the lower panel that we talked about

[3] doesn't serve the clamping function but more of a

[4] security function?

[5] A: Correct.

[6] Q: All right. Would your testimony be the same

[7] for ProLock 2 in terms of the side panels serving a

[8] clamping function?

[9] A: Yes.

[10] Q: And — and the lower portion — the lower panel

[11] would also still serve a security function?

[12] A: Well, describe what you're talk — referring to

[13] as a panel on the — on this second ProLock.

[14] Q: Okay. I'm referring to this — everything from

[15] here all the way out.

[16] A: No, that does not serve —

[17] Q: Which part does?

[18] A: These —

[19] THE VIDEOGRAPHER: Gentlemen, can you

[20] raise it up a little bit? Thank you.

[21] A: These members here.

[22] Q: (By Mr. Mims) Yes.

[23] A: Not this.

[24] Q: Right. Okay.

[25] A: On this design.

1—10:27 Page 49

[1] Q: Yeah. On the secondary tabs?

[2] A: Correct.

[3] Q: Okay. All right. One last question: Do you

[4] have an opinion as to whether the ProLock 1 and ProLock

[5] 2 are a better product than the Jiffy Lock that was

[6] marked as TX-86?

[7] MR. HILTON: Objection.

[8] Q: (By Mr. Mims) You can answer. Do you have an

[9] opinion?

[10] A: Yes, I have an opinion.

[11] Q: What's your opinion?

[12] A: I —

[13] MR. HILTON: Objection.

[14] Q: (By Mr. Mims) Go ahead. You may answer the

[15] question.

[16] A: I believe that the ProLock is a — is a better

[17] product.

[18] Q: And why do you believe it's a better product?

[19] MR. HILTON: Objection.

[20] A: Because it is a full-proof, as you will — if

[21] you will, design. Once it's clamped, it's clamped. I

[22] mean, there's no in between.

[23] Q: (By Mr. Mims) Okay. Anything else that

[24] features about the ProLock versus Jiffy Lock that you

[25] think distinguish it as an improvement?

1—10:28 Page 50

[1] MR. HILTON: Objection.

[2] A: I believe it's more secure. I don't know how

[3] detailed you would like me to get, but

[4] MR. MIMS: Okay. Well, with that, I'll

[5] pass the witness.

[6] MR. HILTON: Okay.

[7] EXAMINATION

[8] BY MR. HILTON:

[9] Q: Do you recall the season in 2006 when you left

[10] DeWalch?

[11] A: I believe it was....

[12] Q: Or March, if you can — or the month, I should

[13] say, if you can recall.

[14] A: — summer. It was early 2006, July or August,

[15] somewhere around there.

[16] MR. HILTON: I have some exhibits, also.

[17] I'll first ask that this be marked as whatever the

[18] ne — we might as well go consecutive with the numbers,

[19] from wherever Peter left off.

[20] Peter, this is a — actually, let me see

[21] that copy. I need that copy. I can give you one of

[22] these instead. You wouldn't want my copy.

[23] What's our next number?

[24] MR. MIMS: Eighty-seven.

[25] MR. HILTON: Okay. Thanks.

1—10:29 Page 51

[1] THE REPORTER: Is it TX-87?

[2] MR. HILTON: And this is for you, Peter.

[3] Yes, we can do TX-87. That's fine.

[4] THE REPORTER: Do you want me to hand it

[5] to the witness?

[6] MR. HILTON: Yes, please.

[7] (Exhibit TX-87 marked)

[8] Q: (By Mr. Hilton) Mr. Stachowiak, have you ever

[9] seen this document before?

[10] A: No.

[11] Q: On page 3 there's a photograph that I believe

[12] you saw a copy of this morning.

[13] A: Okay.

[14] Q: You see that?

[15] A: I see it.

[16] Q: We could reference the exhibit, too, actually.

[17] It was TX-20, if I'm not mistaken.

[18] I'm going to read two sentences from the

[19] text that appears under the paragraph.

[20] A: Okay.

[21] Q: This is a declaration that was filed by Binz

[22] DeWalch in this case. The two sentences I'm going to

[23] read are, "The front edges of the two side panels acting

[24] in concert with the pressure of the first flange on the

[25] exterior of the side wall of the utility box place the

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1-10:31

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[1] side wall of the utility box in sheer and bending,
[2] thereby clamping the ProLock products in place upon the
[3] utility box.
[4] "These forces are indicated by the green
[5] arrows in the photographs above and below" — the next
[6] page has one for ProLock 2 — "installed" — "of the
[7] installed ProLock products."

[8] Do you see the green arrows?

[9] A: I do.

[10] Q: I believe you testified this morning that these
[11] show, with arrows marked A, two vector forces on one
[12] side and, with arrows marked — an arrow marked B, a
[13] vector force on the other side. Is that correct?

[14] A: Yes.

[15] Q: Are point forces being applied to the wall of
[16] the box — the wall of the box? Do you know what I mean
[17] by a point force?

[18] A: Yeah, can you define point force?

[19] Q: A force that is not spread over an area but is
[20] concentrated in a point.

[21] A: No, that's not a point force.

[22] Q: There are no point forces being applied to the
[23] box that you can discern from this clamp?

[24] A: No. In my opinion, they're area — everything
[25] is in area — there's an area involved, not a point.

1-10:32

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[1] Q: Can you describe the area — can you describe
[2] the area associated with the — I need names for these
[3] things. Let me back — start over.

[4] Let's call side panels the portion that
[5] is — is on the side here (indicates). Each of these is
[6] side panels. Actually — yeah, there's a picture there.
[7] Is that okay? Do you understand —

[8] A: Sure.

[9] Q: — what I mean by "side panels"?

[10] A: Sure. Uh-huh.

[11] Q: The part that has an edge that contacts the
[12] wall of the box?

[13] A: Yes.

[14] Q: Can you describe for me the area of that edge
[15] of the side panel that would apply force to the box? Is
[16] it — first, is it a point force?

[17] A: It is not a point force as you define it.

[18] Q: How would you describe the area of that side
[19] edge of the side panel that applies force to the box?

[20] A: Okay. There is a thickness to the wall, okay;
[21] and there's a height on which the contact length from
[22] the clamping member contacts the box, which is an area.

[23] Q: Okay. With regard to the force shown at —
[24] indicated as B —

[25] A: Yes.

1-10:33

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[1] Q: — from the outside, I believe you testified
[2] that you would not characterize that as a point force
[3] involved in clamping the box.

[4] A: B would not be a point force.

[5] Q: How would you — how would you describe the
[6] force applied by the first flange, which is the flange
[7] outside the box? How would you describe that force
[8] applied by that first flange in the clamping process?

[9] A: Because the — the lever is connected to the —
[10] I'm sorry. I want to find my diagram.

[11] Q: Take your time.

[12] A: Because the lever is connected to the — I
[13] guess we can call this the main bracket.

[14] Q: Bracket's fine. Sure.

[15] A: Okay. As the lever is actuated and makes
[16] contact with the clamping member, it pulls the main
[17] bracket toward the lever; and in turn the lever pushes
[18] the clamping member toward the first flange, okay —

[19] Q: So —

[20] A: — which — which imparts a force equal to the
[21] exerting force of a — both A arrows.

[22] Q: What part of the first flange exerts that
[23] force?

[24] A: The inside portion makes contact with the box
[25] wall.

1-10:35

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[1] Q: All of the inside portion that makes contact
[2] with the wall?

[3] A: Can you repeat your question?

[4] Q: My question was: What part of the first flange
[5] provides that force that results in the clamping?

[6] A: The inside. It's not shown here in the — in
[7] your diagram and I cannot see it in this picture, but
[8] it's the inside face.

[9] Q: Okay. Thank you.

[10] Are you familiar with a force diagram,
[11] about vector di — force vector diagram?

[12] A: I think so.

[13] Q: If I — if I roughly draw a wall of a meter
[14] box looking down on it, this would be a view — I'll try
[15] not to become untethered — looking straight down on
[16] this edge —

[17] A: Okay.

[18] Q: — of the meter box.

[19] Could you diagrammatically for me draw the
[20] forces that would be applied by the side panels and the
[21] forces that would be applied by the — by the first
[22] flange, both on that — for one product on that line?

[23] A: Uh-huh. Sure.

[24] Q: Thank you.

[25] Okay. Now —

1—10:37 Page 56

[1] MR. MIMS: Can I have a — just have a
[2] chance to look at the exhibit, as well? I just can't
[3] see from there.
[4] MR. HILTON: Sure. Sure.
[5] MR. MIMS: Okay. Thank you.
[6] Q: (By Mr. Hilton) Could you label for me which of
[7] those forces would be associated with A and which would
[8] be associated with B with respect to the photograph that
[9] you see in the — in the declaration that's been entered
[10] as Exhibit....
[11] MR. HILTON: What is the declaration?
[12] THE REPORTER: I don't have a list of the
[13] exhibits.
[14] MR. HILTON: The last one entered. Sorry.
[15] THE REPORTER: The last one he entered?
[16] MR. HILTON: I entered.
[17] MR. MIMS: This is marked 87.
[18] MR. HILTON: Eighty-seven? Thank you.
[19] Q: (By Mr. Hilton) So, this is looking down on a
[20] product that's on the wall; and as I understand, A shows
[21] the forces that would be applied by the side panels and
[22] B shows the force that would be applied by the first
[23] flange. Is that correct?
[24] A: That's right.
[25] Q: Thank you.

1—10:40 Page 58

[1] A: Shear in your definition as far as break, no, I
[2] have not.
[3] Q: Have you ever test — tested or are you aware
[4] of any tests regarding whether or not any of the ProLock
[5] products apply shearing forces to a wall with any
[6] testing?
[7] A: With any testing? Can you define what testing
[8] is? Give me an example of testing. I'm not sure what
[9] testing —
[10] Q: Any — any investigation that would help your
[11] understanding of whether or not the — any ProLock
[12] products apply shear forces, other than referencing
[13] drawings and doing analysis on drawings? Any physical
[14] testing?
[15] MR. MIMS: Objection, vague.
[16] A: The physical — I mean, can you define more
[17] physical —
[18] Q: (By Mr. Hilton) I'll try a different way.
[19] A: I'm not sure what test you're looking for.
[20] Q: Have you ever tried to measure any extent of
[21] any shear forces applied by a ProLock product?
[22] A: No.
[23] Q: Are you aware of anyone ever having — are you
[24] aware of anyone that has attempted to measure whether
[25] shear forces are applied to a wall of a meter box by a

1—10:39 Page 57

[1] MR. HILTON: Can we mark this as the next
[2] exhibit, please? Eighty-eight, yes.
[3] (Exhibit TX-88 marked)
[4] Q: (By Mr. Hilton) Have you ever seen a ProLock
[5] product that shears a wall when it's clamped onto the
[6] wall of the meter box?
[7] A: Have I ever seen — I'm sorry. Can you —
[8] Q: Have you ever seen a ProLock product that
[9] shears a meter box wall when it is clamped onto the
[10] wall?
[11] MR. MIMS: Objection, vague.
[12] Q: (By Mr. Hilton) Do you — do you understand the
[13] question?
[14] A: No. Can you be a little more specific with the
[15] word "shear"?"
[16] Q: To break, to separate —
[17] A: Have I ever seen —
[18] Q: To separate.
[19] A: Have I ever seen one shear as in — completely
[20] shear in half?
[21] Q: Right, and separates.
[22] A: No, I have not.
[23] Q: Have you ever tested whether or not any of the
[24] ProLock products shear a wall when they're clamped on
[25] the wall?

1—10:42 Page 59

[1] ProLock product?
[2] A: I'm not aware of anybody attempting to measure
[3] that.
[4] Q: Have you ever tested — are you aware of any
[5] measurements of any bending resulting in a wall of the
[6] ProLock — of a meter box by having a ProLock product
[7] attached to it?
[8] A: Of any measurements. Physical measurements?
[9] Q: Right. Right.
[10] A: Am I aware — I'm sorry. Repeat the question.
[11] Q: That's fine. I'm happy to. Are you aware
[12] of — of — that's different.
[13] Have you ever tried to measure any actual
[14] bending of a meter box wall when a ProLock product was
[15] attached to it?
[16] A: Yes.
[17] Q: Can you explain how you tried to measure that?
[18] A: I tried to — once the ProLock was installed, I
[19] tried to measure it with calipers and other measurement
[20] instruments to determine what the deflection was.
[21] Q: What deflection were you — how were you trying
[22] to measure any deflection?
[23] A: I was trying to get a measurement on this side
[24] with respect to the space between (indicates).
[25] Q: What space between do you mean?

1—10:44

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[1] A: The space —
[2] Q: I'm sorry; I'm trying to understand.
[3] A: — on either side of this — on this side and
[4] this side in this region. Of course, we can't — we
[5] can't see, but I could — it was more of a visual than
[6] anything.
[7] Q: You were trying to visually inspect to see
[8] whether there was bending? Is that correct?
[9] A: It was more a visual — yes, more visual, with
[10] calipers, visual, you know, looking at the dial, see if
[11] I could get in there and measure it.
[12] Q: Okay. Maybe it would help — where did you
[13] place the calipers? That might help me.
[14] A: I tried to place them on the outside and
[15] protrude them on the inside there, through that —
[16] through that small gap.
[17] Q: The gap between the face of the side panel and
[18] the first flange?
[19] A: Uh-huh.
[20] Q: And did you discern any bending with your
[21] measurements?
[22] A: I don't recall what my findings were. I
[23] attempted to measure it, yes.
[24] Q: You don't recall what you found?
[25] A: No, I don't — I don't recall.

1—10:45

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[1] Q: Are you aware of anyone else ever trying to do
[2] any testing of whether or not a side wall of a meter box
[3] bends when a ProLock product is placed on it?
[4] A: No.
[5] Q: You're not aware of it?
[6] Do you agree, then, that — do you agree
[7] that the arrows shown in — reference TX-20. Let's pull
[8] out TX-20 and TX-26.
[9] MR. MIMS: Can you describe those,
[10] Mr. Hilton —
[11] MR. HILTON: Sure.
[12] MR. MIMS: — just so I can find them?
[13] MR. HILTON: They're the photographs with
[14] the green arrows.
[15] Q: (By Mr. Hilton) First with regard to TX-20,
[16] let's look at 20 first.
[17] A: TX-20. Okay.
[18] Q: Do you believe that the arrows indicated in
[19] green accurately reflect the forces being applied to the
[20] meter box wall?
[21] A: Repeat the question, please.
[22] Q: Do you believe that the arrows indicated in
[23] green accurately reflect the forces being applied to the
[24] meter box wall?
[25] MR. MIMS: Objection, vague, no

1—10:48

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[1] foundation.
[2] A: I agree that the first arrow, A and B, it's —
[3] the arrow was shown — the second arrow was shown here,
[4] okay, on this portion of the — but it — I'm assuming
[5] that it should be in the same location as the first
[6] arrow, A. And with that understanding, yes.
[7] Q: (By Mr. Hilton) If — if those arrows
[8] accurately indicate the forces being applied to the
[9] meter box wall, with that modification you mentioned,
[10] bringing the second arrow A closer to the wall, how is
[11] that consistent with the force diagram that you drew as
[12] TX-88 which shows not point forces but forces spread
[13] along an area?
[14] A: I'm assuming that these are very generic
[15] representation of the force, okay, and that this B is
[16] assumed to be translated over that entire surface.
[17] Q: So, they — they do not show the actual forces
[18] being applied. You interpret that to be sort of a
[19] generic representation?
[20] A: I do.
[21] Q: Is that what you call it?
[22] A: I do, yes.
[23] Q: Is there any compression that occurs on that
[24] meter box wall?
[25] A: No.

1—10:50

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[1] Q: There isn't? There are no compressive forces
[2] at play?
[3] A: Can you define compression?
[4] Q: Compression?
[5] A: Compression — a compressive force.
[6] Q: Compressive force is where you have a force and
[7] some opposing force that causes something in the middle
[8] to — and I'll say be compressed, but to undergo a force
[9] that would cause it to want to be reduced in size.
[10] MR. MIMS: Objection, vague and
[11] mischaracterizes the force.
[12] Q: (By Mr. Hilton) Do you understand the question?
[13] A: Can you repeat it? I just want to hear your —
[14] your definition again.
[15] Q: I'll try to ask differently. Are the — do you
[16] believe there are any net compressive forces going —
[17] involved in the clamping of the ProLock product and the
[18] meter box wall?
[19] MR. MIMS: Objection, vague.
[20] A: Can you define net compressive force?
[21] Q: (By Mr. Hilton) A net compressive force? Sure.
[22] Where at least two forces are acting on an object such
[23] that there is some opposition between the forces to
[24] cause the object to be compressed.
[25] MR. MIMS: Objection, vague.